



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Peter S. Aronstam et al.

SERIAL NO.: 10/643,030

FILED: August 18, 2003

TITLE: "Closed-Loop Downhole Resonant
Source"

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Group Art Unit: 3672

Confirmation No.: 3210

Atty Docket No.: 014-35374-USCP

MAIL STOP DD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. §1.56(a) exists.

The commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account NO. 02-0429 (014-35374-USCP).

Respectfully submitted,

Dated: December 4, 2003

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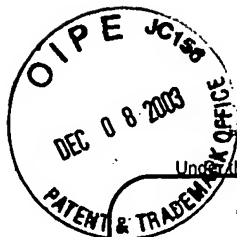
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Gretchen King



PTO/SB/21 (03-03)

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**TRANSMITTAL
FORM**

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/643,030 | |
| | Filing Date | August 18, 2003 | |
| | First Named Inventor | Peter S. Aronstam et al | |
| | Art Unit | 3672 | |
| | Examiner Name | ----- | |
| Total Number of Pages in This Submission | 3 | Attorney Docket Number | 014-35374-USCP |

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form 1449 2. Return Postcard |
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|--------------------|------------------------------------|
| Firm or Individual | Chandran D. Kumar, Reg. No. 48,679 |
| Signature | |
| Date | 12/04/03 |

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ATTY. DOCKET NO.

014-35374-USCP

SERIAL NO.

10/643,030

APPLICANT

Peter Aronstam et al.

FILING DATE

August 18, 2003

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|----------|-----------------|-------|----------|-------------------------------|
| | AA | 2,417,850 | 03/25/47 | Winslow | 175 | 320 | |
| | AB | 2,575,360 | 11/20/51 | Rabinow | 192 | 21.5 | |
| | AB | 4,671,379 | 06/09/87 | Kennedy, et al. | 181 | 106 | 09/03/85 |
| | AC | 4,834,210 | 05/30/89 | Kennedy | 181 | 106 | 12/21/87 |
| | AD | 4,992,360 | 02/12/91 | Tsuruta et al. | 430 | 556 | |
| | AE | 4,993,001 | 01/12/91 | Winbow et al. | 367 | 144 | 03/15/90 |
| | AF | 5,167,850 | 12/01/92 | Shtarkman | 252 | 62.52 | |
| | AG | 5,268,537 | 12/07/93 | Winbow et al. | 181 | 106 | 06/29/92 |
| | AH | 5,277,282 | 01/11/94 | Umemura | 188 | 290 | |
| | AI | 5,284,330 | 02/08/94 | Carlson et al. | 267 | 140.14 | |
| | AJ | 5,406,530 | 04/11/95 | Yamamoto | 367 | 57 | 06/08/94 |
| | AK | 5,886,255 | 03/23/99 | Aronstam | 73 | 152.01 | 10/14/97 |
| | AL | 6,456,566 | 09/24/02 | Aronstam | 367 | 86 | 07/21/00 |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBL. DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|--------------------|---------------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AH | | | | | | | |

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

| | | |
|--|----|--|
| | AK | "Commercial Magneto-Rheological Fluid Devices," Authors: J.D. Carlson, D.M. Catanzarite and K.A. St. Clair; 5 th Int. Conf. On Electro-Rheological, Magneto-Rheological Suspensions and Associated Technology, Sheffield, July 10-14, 1995. |
| | AK | "Properties and Applications of Commercial Magnetorheological Fluids," Authors: Mark R. Jolly Jonathan W. Bender and J. David Carlson, SPIE 5 th Annual Int. Symposium on Smart Structures and Materials, San Diego, CA, March 15, 1998. |
| | AL | Engineering Note, Designing with MR Fluids, Lord Corporation, Thomas Lord Research Center, 05/98. |

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| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant